

9/30/2003

LIST OF REFERENCES CITED BY APPLICANT Form PTO-1449 <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.:		APPLICATION NO.:	
				81481-200		To be Assigned	
Sheet 1 of 3				APPLICANT:			
				Jen-Wei CHIAO et al.			
U.S. PATENT DOCUMENTS				FILING DATE:		GROUP:	
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*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KE		5,231,209	7/1993	Chung et al.			
KS		6,348,220	2/2002	Ribnick et al.			
KE		6,433,011	8/2002	Chung et al.			
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KE		Brusewitz, G., Cameron, B.D., Chasseaud, L.F., Gorler, K., Hawkins, D.R., Koch, H., and Mennicke, W.H. (1977) The metabolism of benzyl isothiocyanate and its cysteine conjugate. The Biochemical Journal, 162: 99-107.					
		Wattenberg, L.W. (1977) Inhibition of carcinogenic effects of polycyclic hydrocarbons by benzyl isothiocyanate and related compounds. Journal of the National Cancer Institute, 58: 396-398.					
		Mattes, M.J., Sharrow, S.O., Herberman, R.B., and Holden, H.T. (1979) Identification and separation of Thy-1 positive mouse spleen cells active in natural cytotoxicity and antibody-dependent cell-mediated cytotoxicity. Journal of Immunology, 123: 2851-2860.					
		Eklind, K.I., Morse, M.A., and Chung, F.L. (1990) Distribution and metabolism of the natural anticarcinogen phenethyl isothiocyanate in A/J mice. Carcinogenesis, 11: 2032-2036.					
		Stoner, G.D., Morrissey, D.T., Heur, Y.-H., Daniel, E.M., Galati, A.J., and Wagner, S.A. (1991) Inhibitory effects of phenethyl isothiocyanate on Nitrosobenzyl-methylamine carcinogenesis in the rat esophagus. Cancer Research, 51: 2063-2068.					
		Chung, F.-L. (1992) "Chemoprevention of lung carcinogenesis by aromatic isothiocyanates." In: Cancer Chemoprevention, Edition, (eds., Wattenberg, L., Lipkin, M., Boone, C.W., Kelloff, G.J.) pp. 227-245, CRC Press Inc.					
		Chung, F.-L., Morse, M.A., and Eklind, K.I. (1992) New potential chemopreventive agents for lung carcinogenesis of tobacco-specific nitrosamine. Cancer Research, 52: 2719s-2722s, 1992.					
		Chung, F.L., Morse, M.A., Eklind, K.I., and Lewis, J. (1992) Quantitation of human uptake of the anticarcinogen phenethyl isothiocyanate after a watercress meal. Cancer Epidemiology, Biomarkers & Prevention: A Publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology, 1: 383-388.					
		Telford, W.G., King, L.E., and Fraker, P.J. (1992) Comparative evaluation of several DNA binding dyes in the detection of apoptosis-associated chromatin degradation by flow cytometry. Cytometry: the Journal of the Society for Analytical Cytology, 13: 137-143.					
		Hunter, T. and Pines, J. (1994) Cyclins and cancer. II: Cyclin D and CDK inhibitors come of age. Cell, 79: 573-582.					
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KC		Zhang, Y. and Talalay, P. (1994) Anticarcinogenic activities of organic isothiocyanates: chemistry and mechanisms. Cancer Research (Suppl.), 54: 1976s-1986s.					
		Yang, C.S., Smith, T.J., and Hong, J.Y. (1994) Cytochrome P-450 enzymes as targets for chemoprevention against chemical carcinogenesis and toxicity: opportunities and limitations. Cancer Research, 54: 1982s-1986s.					
		Morgan, D.O. (1995) Principles of CDK regulation. Nature, 374:131-134.					
		Hecht, S.S. (1995) Chemoprevention by isothiocyanates. Journal of Cellular Biochemistry (Suppl.), 22: 195-209.					
		Jiao, D., Conaway, C.C., Wang, M.H., Yang, C.S., Koehl, W., and Chung, F.L. (1996) Inhibition of N-nitrosodimethylamine demethylase in rat and human liver microsomes by isothiocyanates and their glutathione, L-cysteine, and N-acetyl-L-cysteine conjugates. Chemical Research in Toxicology, 9: 932-938.					
		Conaway, C.C., Jiao, D., and Chung F.L. (1996) Inhibition of rat liver cytochrome P450 isozymes by isothiocyanates and their conjugates: a structure-activity relationship study. Carcinogenesis, 17(11): 2423-2427.					
		Kassahun, K., Davis, M., Hu, P., Martin, B., and Baillie, T. (1997) Biotransformation of the naturally occurring isothiocyanate sulforaphane in the rat: identification of phase I metabolites and glutathione conjugates. Chemical Research in Toxicology, 10: 1228-1233.					
		Wang, L.G., Liu, X.M., Kreis, W., and Budman, D.R. (1999) Phosphorylation/dephosphorylation of androgen receptor as a determinant of androgen agonistic or antagonistic activity. Biochemical and Biophysical Research Communications, 259: 2128.					
		Sherr, C.J. and Roberts, J.M. (1999) CDK inhibitors: positive and negative regulators of G-phase progression. Genes and Development, 13: 1501-1512.					
		Sherr, C.J. (2000) The Pezcoller lecture: cancer cell cycles revisited. Cancer Research, 60: 3683-3695.					
		Chiao, J.W., Chung, F., Krzeminski, J., Amin, S., Arshad, R., Ahmed, T., and Conaway, C.C. (2000) Modulation of growth of human prostate cancer cells by the N-acetylcysteine conjugate of phenethyl isothiocyanate. International Journal of Oncology, 16: 1215-1219.					
✓		Chung, F.L., Conaway, C.C., Rao, C.V., and Reddy, B.S. (2000) Chemoprevention of colonic aberrant crypt foci in Fischer rats by sulforaphane and phenethyl isothiocyanate. Carcinogenesis, 21(12): 2287-2291.					
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KC		Yang, Y.M., Conaway, C.C., Chiao, J.W., Wang, C.X., Amin, S., Whysner, J., Dai, W., Reinhardt, J., and Chung, F.L. (2002) Inhibition of benzo(a)pyrene-induced lung tumorigenesis in A/J mice by dietary N acetylcysteine conjugates of benzyl and phenethyl isothiocyanates during the postinitiation phase is associated with activation of mitogen-activated protein kinases and p53 activity and induction of apoptosis. Cancer Research, 62: 2-7.					
KC		Chiao, J.W., Chung, F.L., Kancherla, R., Ahmed, T., Mittelman, A., and Conaway, C.C. (2002) Sulforaphane and its metabolite mediate growth arrest and apoptosis in human prostate cancer cells. International Journal of Oncology, 20: 631-636.					
KC		Hecht, S.S., Upadhyaya P., Wang, M., Bliss, R.L., McIntee, E.J., and Kenney, P.M. (2002) Inhibition of lung tumorigenesis in A/J mice by N-acetyl-S-(N-2-phenethylthiocarbamoyl)-L-cysteine and myo-inositol, individually and in combination. Carcinogenesis, 23(9): 1455-1461.					
KC		Chen, Y.R., Han, J., Kori, R., Kong, A.N., and Tan, T.H. (2002) Phenylethyl isothiocyanate induces apoptotic signaling via suppressing phosphatase activity against c-Jun N-terminal kinase. J Biol Chem, Oct.18; 277(42): 39334-39342.					
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LIST OF REFERENCES CITED BY APPLICANT Form PTO-1449 <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.: 81481-200	APPLICATION NO.: 10/673,426
APPLICANT: Jen-Wei CHIAO et al.		FILING DATE: September 30, 2003	
Sheet 1 of 2		GROUP:	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KE	A1	5,231,209	7/1993	Chung et al.	558	17	
KE	A2	6,348,220	2/2002	Ribnick et al.	424	725	
KE	A3	6,433,011	8/2002	Chung et al.	514	514	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
KE	B1	Brusewitz, G., Cameron, B.D., Chasseaud, L.F., Gorler, K., Hawkins, D.R., Koch, H., and Mennicke, W.H. (1977) The metabolism of benzyl isothiocyanate and its cysteine conjugate. The Biochemical Journal, 162: 99-107.
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	B4	Chiao, J.W., Chung, F.L., Kancherla, R., Ahmed, T., Mittelman, A., and Conaway, C.C. (2002) Sulforaphane and its metabolite mediate growth arrest and apoptosis in human prostate cancer cells. International Journal of Oncology, 20: 631-636.
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	B6	Chung, F.L., Conaway, C.C., Rao, C.V., and Reddy, B.S. (2000) Chemoprevention of colonic aberrant crypt foci in Fischer rats by sulforaphane and phenethyl isothiocyanate. Carcinogenesis, 21(12): 2287-2291.
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	B10	Eklind, K.I., Morse, M.A., and Chung, F.L. (1990) Distribution and metabolism of the natural anticarcinogen phenethyl isothiocyanate in A/J mice. Carcinogenesis, 11: 2033-2036.
	B11	Hecht, S.S. (1995) Chemoprevention by isothiocyanates. Journal of Cellular Biochemistry (Suppl.), 22: 195-209.
	B12	Hecht, S.S., Upadhyaya P., Wang, M., Bliss, R.L., McIntee, E.J., and Kenney, P.M. (2002) Inhibition of lung tumorigenesis in A/J mice by N-acetyl-S-(N-2-phenethylthiocarbamoyl)-L-cysteine and myo-inositol, individually and in combination. Carcinogenesis, 23(9): 1455-1461.

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KC	B13 Hunter, T. and Pines, J. (1994) Cyclins and cancer. II: Cyclin D and CDK inhibitors come of age. Cell, 79: 573-582.
	B14 Jiao, D., Conaway, C.C., Wang, M.H., Yang, C.S., Koehl, W., and Chung, F.L. (1996) Inhibition of N-nitrosodimethylamine demethylase in rat and human liver microsomes by isothiocyanates and their glutathione, L-cysteine, and N-acetyl-L-cysteine conjugates. Chemical Research in Toxicology, 9: 932-938.
	B15 Kassahun, K., Davis, M., Hu, P., Martin, B., and Baillie, T. (1997) Biotransformation of the naturally occurring isothiocyanate sulforaphane in the rat: identification of phase 1 metabolites and glutathione conjugates. Chemical Research in Toxicology, 10: 1228-1233.
	B16 Mattes, M.J., Sharrow, S.O., Herberman, R.B., and Holden, H.T. (1979) Identification and separation of Thy-1 positive mouse spleen cells active in natural cytotoxicity and antibody-dependent cell-mediated cytotoxicity. Journal of Immunology, 123: 2851-2860.
	B17 Morgan, D.O. (1995) Principles of CDK regulation. Nature, 374: 131-134.
	B18 Sherr, C.J. (2000) The Pezcoller lecture: cancer cell cycles revisited. Cancer Research, 60: 3689-3695.
	B19 Sherr, C.J. and Roberts, J.M. (1999) CDK inhibitors: positive and negative regulators of G1-phase progression. Genes and Development, 13: 1501-1512.
	B20 Stoner, G.D., Morrissey, D.T., Heur, Y.-H., Daniel, E.M., Galati, A.J., and Wagner, S.A. (1991) Inhibitory effects of phenethyl isothiocyanate on N-nitrosobenzyl-methylamine carcinogenesis in the rat esophagus. Cancer Research, 51: 2063-2068.
	B21 Telford, W.G., King, L.E., and Fraker, P.J. (1992) Comparative evaluation of several DNA binding dyes in the detection of apoptosis-associated chromatin degradation by flow cytometry. Cytometry: the Journal of the Society for Analytical Cytology, 13: 137-143.
	B22 Wang, L.G., Liu, X.M., Kreis, W., and Budman, D.R. (1999) Phosphorylation/ dephosphorylation of androgen receptor as a determinant of androgen agonistic or antagonistic activity. Biochemical and Biophysical Research Communications, 259: 21-28.
	B23 Wattenberg, L.W. (1977) Inhibition of carcinogenic effects of polycyclic hydrocarbons by benzyl isothiocyanate and related compounds. Journal of the National Cancer Institute, 58: 396-398.
	B24 Yang, C.S., Smith, T.J., and Hong, J.Y. (1994) Cytochrome P-450 enzymes as targets for chemoprevention against chemical carcinogenesis and toxicity: opportunities and limitations. Cancer Research, 54: 1982s-1986s.
	B25 Yang, Y.M., Conaway, C.C., Chiao, J.W., Wang, C.X., Amin, S., Whysner, J., Dai, W., Reinhardt, J., and Chung, F.L. (2002) Inhibition of benzo(a)pyrene-induced lung tumorigenesis in A/J mice by dietary N-acetylcysteine conjugates of benzyl and phenethyl isothiocyanates during the postinitiation phase is associated with activation of mitogen-activated protein kinases and p53 activity and induction of apoptosis. Cancer Research, 62: 2-7.
	B26 Zhang, Y. and Talalay, P. (1994) Anticarcinogenic activities of organic isothiocyanates: chemistry and mechanisms. Cancer Research (Suppl.), 54: 1976s-1986s.

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